

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL AND GAS

REPORT OF WELL ABANDONMENT

Bakersfield, California, January 31, 19 51

Mr. Robert M. Miller, Agent
The Ohio Oil Company
P. O. Box 193
Bakersfield, California

Dear Sir:

Your report of abandonment of Well No. "E. C. Cozart" 1,
Sec. 31, T. 25S, R. 25E, M.D. B. & M., --- oil field,
Kern County, dated December 22, 1950, has been
examined in conjunction with records filed in this office.

A review of the reports and records shows that the requirements of this Division,
which are based on all information filed with it, have been fulfilled.

JMC:ald
cc: Company (3)

R. D. BUSH
State Oil and Gas Supervisor

By R. H. Halling
Deputy Supervisor

121 ✓
card ✓
blanket bond ✓
map & book ✓

12/30/50 D.W.F.

UNCOMPLETED ABANDONED
12 - 16 - 50

SUBMIT LOG IN DUPLICATE
FILL IN BLANK IN WITH TYPEWRITER. WRITE ON ONE SIDE OF PAPER ONLYSTATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

DIVISION OF OIL AND GAS
RECEIVED

JAN 24 1951

BAKERSFIELD, CALIFORNIA

LOG OF OIL OR GAS WELL

Operator THE OHIO OIL COMPANY Field POND-AREA *Arleth Co.*
 Well No. "E. C. Cozart" #1 Sec. 31, T. 25S, R. 25E, M. D. B. & M.
 Location 334.4' N & 933.9' E of center Sec. 31 Elevation 292' Topo
298' R.T.

In compliance with the provisions of Chapter 93, Statutes of 1939, the information given herewith is a complete and correct record of the present condition of the well and all work done thereon, so far as can be determined from all available records.

Date December 22, 1950

Signed

Glen B. Gariepy
Glen B. Gariepy
 Division Geologist
 (President, Secretary or Agent)

Karl H. Arleth

(Engineer or Geologist)

R. M. Miller

(Superintendent)

Commenced drilling Dec. 5, 1950 Completed drilling Dec. 15, 1950 Drilling tools Cable
Rotary
 Total depth 3270' Plugged depth 1612-1467
424-334
 Junk None 360' x Top Mya Sand 2473' (s)

GEOLOGICAL MARKERS

DEPTH

* See history

Commenced producing ABANDONED Dec. 16, 1950

(date)

Flowing/gas lift/pumping

(cross out unnecessary words)

Initial production

Production after 30 days

Clean Oil bbl. per day	Gravity Clean Oil	Per Cent Water including emulsion	Gas Mcf. per day	Tubing Pressure	Casing Pressure
ABANDONED - did not produce					

CASING RECORD (Present Hole)

Size of Casing (A. P. I.)	Depth of Shoe	Top of Casing	Weight of Casing	New or Second Hand	Seamless or Lapweld	Grade of Casing	Size of Hole Casing landed in	Number of Sacks of Cement	Depth of Cementing if through perforations
18"	22'	10'	70.59#	New		B		3	
11 3/4"	403	9	47#	New	Seamless	J-55	16"	300	

PERFORATIONS

Size of Casing	From	To	Size of Perforations	Number of Rows	Distance Between Centers	Method of Perforations
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				
	ft.	ft.				

Electrical Log Depths 403' to 3270' (Attach Copy of Log)

JAN 24 1951

BAKERSFIELD, CALIFORNIA

THE OHIO OIL COMPANY

POND AREA

"E.C.Covert" #1

31

25S

25E

M. D.

Glen B. Gariety
Glen B. Gariety

Division Geologist

December 22, 1950

1950

SHAMROCK OIL WELL SERVICE COMPANY, Contractor.

- 12/5 Spudded in at 2:00 A.M., drilling 16" hole. Drilled to 404'.
- 12/6 Ran 11 joints 11 3/4", 47#, J-55 casing (effective length 405.61') cemented at 403' (2.61' above rotary table) with 300 sacks of Victor Standard cement, 117# slurry. Halliburton equipment was used with one top wooden plug. Mixing time 15 minutes. Cement returns 9 minutes. Bumped plug 15 minutes. Maximum pressure 425#. Estimate 75 sacks return. Installed Shaffer Blow Out Preventer.
- 12/7 Drilled out plug and drilled ahead with 10 5/8" bit to 1254'.
- 12/9 10 5/8" hole completed to 2350' at 9:00 P.M.
- 12/10 Ran in hole with 7 5/8" bit. Drilled to 2495 feet. Ran Schlumberger electric log. Reamed 7 5/8" hole to 10 5/8" from 2350-2421'. Reaming.
- 12/11 Reamed to 2457'. Ran 7 5/8" bit, cleaned out rat hole. Ran Johnston Formation Tester with dual sidewall packers. Closed Shaffer Blind Ram o.k. J.F.T. 2476-2497', 300' water cushion, 1/2" bean, open 3 minutes, light steady blow then stopped. Dropped second bar, open 30 minutes, had light steady blow gradually diminishing toward end of test. Pulled loose. Recovered 1710' net rise, including 120' drilling mud grading to salt water, balance salt water. Tester open o.k. Drilled 7 5/8" hole ahead.
- 12/12 Depth 2556'. Ran Schlumberger electric log. Opened 7 5/8" hole to 10 5/8" hole from 2457' to 2556'. Drilled 10 5/8" hole ahead.
- 12/13 Drilled 10 5/8" hole to 2842'. Reduced to 7 5/8" hole at 2842'. Drilled ahead.
- 12/14 Depth 2982'. Ran Schlumberger electric log. Drilled ahead.
- 12/15 Drilled 3270' total depth. Ran Schlumberger electric log. With open end drill pipe (using Halliburton equipment) placed cement plug from 1612-1457 feet with 75 sacks of Victor Construction cement. Plug in place 7:55 P. M.

DIVISION OF OIL AND GAS
HISTORY OF OIL OR GAS WELL

Page 2

OPERATOR THE OHIO OIL COMPANY
WELL NO. "E. C. Cozart" #1

POND AREA
Sec. 31-258-25E MDB&M

12/15 Continued

Put water ahead and behind. With open end drill pipe, placed cement plug across shoe of 11 3/4" casing from 424-334' with 50 sacks Victor Construction cement. Plug in place at 8:55 P. M. Put water ahead and behind.

12/16 Ran in hole and found top of plug at 360'. Witnessed and o.k.'d (1:50 A.M.) by Division Oil and Gas, Kern County. Surface cement plug in place 12:00 noon. Abandonment operations completed with welding of steel plate on top 11 3/4" casing at surface, December 16, 1950.

History by Karl H. Arleth

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T-44-26746

Bakersfield Calif. December 19 1950

Mr. Robert M. Miller
P. O. Box 193, Bakersfield, Calif.
Agent for The Ohio Oil Company

DEAR SIR:

Operations at your well No. "E. C. Cozart" 1 Sec. 31, T. 25S, R. 25E, M.D. B. & M.,
Field, in Kern County, were witnessed by
Margaret D. Binkley, representative of the supervisor,
on Dec. 16, 1950. There was also present D. J. Everitts, Engineer;
R. Wetzel, Drilling Foreman.
Casing Record 11 3/4" cem. 403', T.D. 3270', plugged Junk None.
with cement: 1612'-1467', 424'-360'.

The operations were performed for the purpose of testing the location and hardness of a cement
plug placed in the hole from 424' to 360' in the process of abandonment.
The inspector arrived at the well at 1:45 a.m. and Mr. Everitts reported:

1. A 10 5/8" hole was drilled to 2842' and a 7 5/8" hole was drilled to 3270'.
2. On December 15, 1950, 75 sacks of cement was pumped into the hole through 4 1/2" drill pipe hanging at 1612', filling the hole to an estimated 1467'.
3. On December 15, 1950, 50 sacks of cement was pumped into the hole through 4 1/2" drill pipe hanging at 424', filling the hole to 360'.

The inspector noted that the cement plug at the reported depth of 360' supported all of the weight of the drill pipe.

The inspection was completed at 2:30 a.m.

THE LOCATION AND HARDNESS OF THE CEMENT PLUG AT 360' ARE APPROVED.

EDB:ald
cc: Company (3)

*1467' as a abandoned
plug says surface
plug o.k.*

R. D. BUSH
State Oil and Gas Supervisor

By R. W. Walling Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P-~~43~~-35724Bakersfield Calif. December 19 1950Mr. Robert M. MillerP.O. Box 193, Bakersfield, Calif.Agent for The Ohio Oil Company

DEAR SIR:

Your _____ proposal to abandon Well No. E. C. Cozart 1,
 Section 31, T25S, R25E, M.D. B. & M., _____ Field, Kern County,
 dated Dec. 15 1950, received Dec. 16 1950, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES:

"The present condition of the well is as follows:

1. Complete casing record.
 T.D. 3270'.
 11-3/4" cemented at 403'.
 10-5/8" hole drilled to 2842', 7-5/8" hole drilled to 3270'.

2. No commercial showings of oil or gas.

Last produced. _____

Date	Net oil	Gravity	Cut

PROPOSAL:

"The proposed work is as follows: (As per telephone conversation 12-15-50
 Wm. Bailey - C. L. Kistner)

1. Leave hole full of heavy mud.
2. Place 100' cement plug across fresh-brackish water contact.
3. Place a cement plug from 423' to at least 383' across the shoe of the 11-3/4" surface casing. Location and hardness to be witnessed by a representative of the Division of Oil and Gas.
4. Place a 10' cement plug at the surface.
5. Weld a steel plate on the 11-3/4" at surface."

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT THIS DIVISION SHALL BE NOTIFIED TO
 WITNESS a test for the location and hardness of the cement plug at 383'
 or above.

WB:ald

cc: Company (3)

Blanket bond.

R. D. BUSH

State Oil and Gas Supervisor

By R. W. Walling Deputy

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS
RECEIVED

DIVISION OF OIL AND GAS

DEC 16 1950

Notice of Intention to Abandon Well

BAKERSFIELD, CALIFORNIA

This notice must be given at least five days before work is to begin; one copy only

Bakersfield, Calif. December 15, 1950

DIVISION OF OIL AND GAS

Bakersfield, Calif.

P-4B-35724

In compliance with Secs. 3228, 3229, 3230, 3231 and 3232, Ch. 93, Stat. 1939, notice is hereby given

that it is our intention to abandon well No. "E. C. Cozart" 1

Sec. 31, T. 25 S., R. 25 E., M.D. B. & M. Field,

Kern County, commencing work on the 15th day

of December, 1950.

The present condition of the well is as follows:

1. Complete casing record.

T.D. 3720' 3270'

11-3/4" cemented at 403'.

10-5/8" hole drilled to 2842', 7-5/8" hole drilled to 3270'.

No commercial showings of oil or gas.

2. Last produced.

Date

Net oil

Gravity

Cut

The proposed work is as follows: (As per telephone conversation 12-15-50 Wm. Bailey - C.L. Kistner)

1. Leave hole full of heavy mud.
2. Place 100' cement plug across fresh-brackish water contact.
3. Place a cement plug from 423' to at least 383' across the shoe of the 11-3/4" surface casing. Location and hardness to be witnessed by a representative of the Division of Oil and Gas.
4. Place a 10' cement plug at the surface.
5. Weld a steel plate on the 11-3/4" at surface.

Orig: D.O.G., Bksfld.
cc: W.A. Stephenson, L.A.
G.B. Gariepy, L.A.
Eng. File, Bksfld.
Geol. File, Bksfld.
R.T. Smith, Bksfld.

Reference to file of data

Map & Book	U S G S	Band	Card	Forms	
				114	111
		Blanket	✓	1379	EN

THE OHTO OIL COMPANY

(Name of Operator)

By R.M. Miller (C.L.K.)
Division Superintendent

ADDRESS NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Special Report on Operations Witnessed

No. T-4B-26729

Bakersfield Calif. December 11 19 50

Mr. Robert W. Miller
P.O. Box 193, Bakersfield, Calif.
Agent for The Ohio Oil Company

DEAR SIR:

Operations at your well No. "E. C. Cozart" 1 Sec. 31, T. 25S, R. 25E, M.D. B. & M.,
Field, in Kern County, were witnessed by
D. W. Fawcett, representative of the supervisor,
on December 8, 1950. There was also present R. Wood, Driller; B. Travis, Derrickman.

Casing Record 11 3/4" cem. 403'. T.D. 1650' (drilling) Junk None

The operations were performed for the purpose of inspecting the blow-out prevention equipment.

The inspector arrived at the well at 10:00 a.m. and Mr. Wood reported:

1. On December 6, 1950, the 11 3/4" 47 lb. casing was cemented at 403' in a 16" rotary hole with 300 sacks of cement around the shoe.
2. Five sacks of cement was placed around the casing from the surface.
3. The Shaffer complete shut-off gate and the Shaffer ram-type gate were each tested under 750 lb. pressure for 15 min. without loss.
4. A 10 5/8" rotary hole was being drilled ahead at 1650' at the time of this inspection.

The inspector noted that the well was equipped with the following blow-out prevention equipment:

1. Two high pressure control gates below the mud flow line for closing in the well with the drill pipe either in or out of the hole. The controls for operating these gates were located at the edge of the derrick.
2. A high pressure mud fill-up line, with a high pressure gate, into the 11 3/4" casing below the master gate.

The inspection was completed at 10:25 a.m.

THE BLOW-OUT PREVENTION EQUIPMENT IS APPROVED AS BEING ADEQUATE FOR THIS AREA.

DWF:ald

cc: Company (3)

12/15/50 Everett - Kasline
T.D. 3270' No showings encountered
fresh salt interface 1590' with plug 1600'-1750'
and 723'-883'. We will witness top of
further plug - OK. Will file
JDK

R. D. BUSH

State Oil and Gas Supervisor

By

R. W. Halling Deputy

1613 Sixteenth Street
Bakersfield, California
December 7, 1950

Mr. R. H. Ayars
The Ohio Oil Company
P. O. Box 193
Bakersfield, California

Dear Sir:

This will acknowledge receipt of your letter dated December 5, 1950, reporting corrected location for your well No. "E.C. Cozart" 1, Sec. 31, T. 25 S., R. 25 E., M. D. B. & N., Kern County. In accordance with this information, I am correcting your notice to drill, dated November 29, 1950, and our Report No. P-18-35682, dated December 1, 1950, to show the following location:

334.4' N. and 933.9' E. fr. center of Sec.

Yours truly,

R. H. Halling
Deputy Supervisor

EH
cc - R. D. Bush (2)
- Company (3)

Reference to file or data

Map & Book	US G S	notice P Report	Card	Forms
1405 12/7/50		✓	✓	114 121 ✓

The Ohio Oil Co.

P. O. Box 193
Bakersfield, California
December 5, 1950

Division of Oil and Gas
1613 - 16th Street
Bakersfield, California

Dear Sirs:

Please change the location of The Ohio Oil Company "E. C. Cozart" 1 in Section 31, T. 25 S., R. 25 E., M.D. B. & M. from:

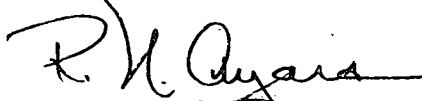
330' N., and 990' E. from center of Section 31

to:

334.4' N., and 933.9' E. from center of Section 31

Yours truly,

THE OHIO OIL COMPANY



R. N. Ayers
Petroleum Engineer

RNA/vc

cc: G.B.G., LA
W.A.S., LA
Engrs., Bak.
Geol., Bak.
R.T.S., Bak.

DIVISION OF OIL AND GAS
RECEIVED

DEC 6 1950

BAKERSFIELD, CALIFORNIA



STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

REPORT ON PROPOSED OPERATIONS

No. P. LB-35682Bakersfield Calif. December 1 19 50Mr. Robert N. MillerP.O. Box 193, Bakersfield, Calif.Agent for The Ohio Oil Company

DEAR SIR:

Your _____ proposal to drill Well No. "E. G. Gozart" 1,
 Section 31, T. 25S, R. 25E, M.D.B. & M., _____ Field, Kern County,
 dated Nov. 29 1950, received Nov. 30 1950, has been examined in conjunction with records filed in this office.

Present conditions as shown by the records and the proposal are as follows:

THE NOTICE STATES *334.4' 933.9' E.
 "The well is 330 feet N., and 930 feet E. from center of Section 31.
 Elevation of ground above sea level 292 (topo) feet.
 All depth measurements taken from top of rotary table, which is _____ feet
 above ground.
 We estimate that the first productive oil or gas sand should be encountered
 at a depth of about 2,500 feet."

PROPOSAL:

"We propose to use the following strings of casing, either cementing or landing
 them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
<u>11-3/4"</u>	<u>47</u>	<u>New J-55</u>	<u>1400'</u>	<u>Cemented</u>

Balance of program to be dependent upon results of coring and/or
 electric logging.

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify
 you before cementing or landing casing."

DECISION: THE PROPOSAL IS APPROVED PROVIDED THAT:

1. The 11 3/4" casing shall be cemented with sufficient cement to fill all the space back of the casing.
2. Mud fluid of sufficient weight and proper consistency to prevent blow-outs shall be used in drilling the well and the column of mud fluid shall be maintained to the surface at all times, particularly while pulling the drill pipe.
3. Adequate blow-out prevention equipment shall be provided and tested before drilling below the shoe of the 11 3/4" casing and maintained ready for use at all times thereafter.
4. A SUPPLEMENTARY NOTICE SHALL BE FILED prior to running any additional casing into the hole. Other requirements may be outlined at that time.
5. THIS DIVISION SHALL BE NOTIFIED:
 - a. TO INSPECT the blow-out prevention equipment before reaching a depth of 1000' below the shoe of the 11 3/4" casing.
 - b. TO WITNESS a test of each possible water shut-off.

R. D. BUSH

State Oil and Gas Supervisor

WB:ald

cc: Company (3)

By R. N. Halling Deputy

Blanket bond.

*letter 12-7-50

STATE OF CALIFORNIA
DEPARTMENT OF NATURAL RESOURCES

DIVISION OF OIL AND GAS

Notice of Intention to Drill New Well

This notice must be given and surety bond filed before drilling begins

DIVISION OF OIL AND GAS
RECEIVED

NOV 30 1950

BAKERSFIELD, CALIFORNIA

Bakersfield, Calif. November 29, 19 50

DIVISION OF OIL AND GAS

Bakersfield, Calif.

P-4B-35682

In compliance with Section 3203, Chapter 93, Statutes of 1939, notice is hereby given that it is our intention to commence the work of drilling well No. "E. C. Cozart" 1, Sec. 31, T. 25 S. R. 25 E., M.D. B. & M., Field, Kern County.

Legal description of lease S¹/₂ NE¹/₄ of Section, #334.4' 933.9'

The well is -330 feet N. 8° E. and 990 feet E. 8° W. from center of Section 31.

(Give location in distance from section corners or other corners of legal subdivision)

Elevation of ground above sea level 292 (topo) feet.

All depth measurements taken from top of rotary table, which is feet above ground.

We estimate that the first productive oil or gas sand should be encountered at a depth of about 2,500 feet.

We propose to use the following strings of casing, either cementing or landing them as herein indicated:

Size of Casing, Inches	Weight, Lb. Per Foot	Grade and Type	Depth	Landed or Cemented
11-3/4"	47	New J-55	400'	Cemented
Balance of program to be dependent upon results of coring and/or electric logging.				
Reference to file or data				

Well is to be drilled with rotary tools.

It is understood that if changes in this plan become necessary we are to notify you before cementing or landing casing.

Map & Book	US G S	Land	Card	Forms
11/30/50				114 121
E. M. C.		Beavis	✓	1376 8/14

Address P.O. Box 193, Bakersfield, Calif.

THE OHIO OIL COMPANY
(Name of Operator)

Telephone number Bakersfield 5-5701

By R. M. Miller
R. M. Miller, Division Superintendent

Orig: DOG, Bak.

cc: GBG, LA ADDRESS ONE COPY OF NOTICE TO DIVISION OF OIL AND GAS IN DISTRICT WHERE WELL IS LOCATED

WAS, LA cc: Geol., Bak.

Engrs., Bak. RTS, Bak.

*letter 12-7-50